March/April 1992 Volume 17, Number 2

A summary of recent news stories from the University of California, San Francisco

UCSF

News for You

Medical Students Open Up Homeless Clinic

Allen J. Balderson

Second-year medical students Margo Vener, Tom Svolos, Charlotte Lewis and Elizabeth Oudens (left to right) unpack medical supplies right before opening up the homeless clinic for the first time. These four students make up the core of the organizing group.

On any given Tuesday evening, you can find UCSF medical students involved in a compassionate and much needed outside venture—treating the homeless. The students opened a clinic at the South of Market Multiservice Center in December, where they now see scores of men of all ages who own little more than what is on their backs.

The clinic, part of a project to help serve the medical needs of the homeless while giving UCSF students educational exposure to the needs of this population, provides acute care for infections, minor trauma and the like, as well as health education, general health screenings, and referrals to established sources of primary care. On Wednesdays, the students try to spend their free time following up on those patients who need referrals.

Administrative support comes from the Department of Family and Community Medicine, with physician Steven Lane serving as the students' advisor.

Ongoing clinic planning and operations are managed by four committees. One such committee is orientation. "You just don't step into a homeless clinic and expect to know how to care for this special group of people," explains student Charlotte Lewis, one of the core organizers. Each student first learns about infection control, especially TB transmission, how to handle potentially violent patients, personal safety, and how to establish a relationship of trust with patients.

For further information, call the UCSF Office of Medical Student Affairs, 476-1216.

Regional Cancer Center Moves Ahead

Another major step toward creating a regional Comprehensive Cancer Center has been taken with the appointment of internationally known cancer specialist I. Craig Henderson as chief of medical oncology at all UCSF sites and director of the UCSF Clinical Cancer Center at Mount Zion. His primary office will be located at Mount Zion. Currently, associate professor at Harvard Medical School and medical coordinator of Dana-Farber Cancer Institute's Breast Evaluation Center, he will assume his new UCSF post in April.

Henderson is an internationally recognized expert in breast cancer, the most common malignancy in women, according to Joseph B. Martin, dean of the UCSF School of Medicine. Henderson has written extensively and conducted major research studies evaluating new breast cancer diagnostic and treatment methods.

He will oversee the development of UCSF clinical cancer programs, creating a major academic center for state-of-the-art diagnosis and treatment, cutting edge clinical research, and educational programs for patients, physicians, students and healthcare workers at UCSF's Moffitt/Long and Mount Zion Hospitals and also at the affiliated SFGH and VAMC.

The patient care and research center to be constructed at Mount Zion will be a major component and future headquarters of the planned UCSF Comprehensive Cancer Center. The campus hopes to become the first such center in Northern California to be sponsored by the National Cancer Institute, and has applied to NCI for a planning grant to proceed.

Paramedic Education's First Graduates

Allen J. Balderson

After 10 months of intensive training, 40 young men and women have become the first graduates of UCSF's Program in Paramedic Education. Now, they are participating in life-saving emergency medical care throughout Northern California.

Designed last year by the Center for Prehospital Research and Training (CPRT), the program accepts working EMTs (emergency medical technicians) and educates them to the paramedic level. "Comprehensive ongoing medical education is the key to providing standard of care to all patients—in the hospital, in their homes and on the street," says Odelia Braun, medical director of the program.

UCSF's paramedic education involves over 1,100 hours of instruction: 4 months in the classroom, 3 months of clinical experience in major Bay Area Hospitals, and another 3 months in the field with ambulance companies and public agencies throughout Northern California.

The program is funded by the California Employment Training Panel. For further information call 476-6162.

(Clockwise from left) paramedic graduates Brian Smart, William Reed, and David Sullivan, all members of the San Francisco Ambulance Service, with paramedic student James Salvante

In Brief

Joining the Inner Sunset for "One Neat City"

UCSF is working with the San Francisco Clean City Coalition to help make San Francisco "one neat city." The Coalition is a non-profit umbrella organization made up of volunteers from all walks of life—concerned neighbors, merchant associations, local government, non-profits, small businesses, and large corporations.

On Saturday, April 25, with brooms and trash bags in hand, UCSF volunteers with join Inner Sunset merchants and neighbors to be part of this city-wide project and help clean-up the Ninth Avenue and Irving Street area. For further information, watch for posters in Inner Sunset storefront windows, or call 476-9158. A free T-shirt, not to mention a sense of pride, will be yours for volunteering a few hours to help make San Francisco "One Neat City."

Tune Into the "Consumer Pharmacist"

Tune into KTVU Channel 2 any Wednesday, Friday or Sunday and you'll find UCSF pharmacist Linda Bernstein as the new "Consumer Pharmacist." Giving helpful tips on such things as medicines used by the elderly, getting to know your pharmacist, drug-related economic issues and the latest in pharmacy research, Bernstein can be seen on Wednesday, between 8 and 9 a.m. on the *Mornings on Two* program; Fridays between noon and 12:30 p.m. on the *Two at Noon* news program; and Sundays between 6 and 7 p.m. on the evening news. Bernstein will be concentrating on poison prevention during the month of March.

For the past five years, Bernstein also has produced and hosted "In the Medicine Cabinet," a weekly half-hour consumer-oriented radio program which airs Sundays 7 a.m. on KFRC, Magic 61.

Bones as Bridges

In an attempt to develop better ways to predict who will suffer fractures from osteoporosis, radiologist Christopher Cann and his colleagues are looking at bones as if they were bridges. Previously, physicians have attempted to make the predictions using measures of bone density. But the new technique uses computed tomography (CT) scans to take a three-dimensional look at the distribution of bone.

Just as a bridge or highway is stronger or weaker depending on where there is more concrete, Cann says, the researchers think the distribution of mineral in bone may help them more accurately predict potential fractures and tailor treatments in those most at risk.

Patients' Choices About Life Support

Patients who specify in advance which life-support treatments they would want if they become too sick to make decisions for themselves may not want such "advance directives" followed strictly, says a UCSF report authored by Ashwini Sehgal.

A new federal law requires hospitals to provide information about advance directives to all patients. However, strict adherence to such decisions is not always in a patient's best interest, nor is it necessarily what all patients really want, says Sehgal.

In a survey of 150 kidney dialysis patients, about 40 percent of the patients wanted their advance directives followed strictly. But, the majority—the other 60 percent—would give permission to a family member and their doctor to override advance directives if it were in the patient's best interest. "Everyone assumes that all patients want their advance directives followed strictly, but no one has ever asked patients directly," says Sehgal.

What's happening

March/April 1992
A bimonthly calen
events at UC San

Women's History Month

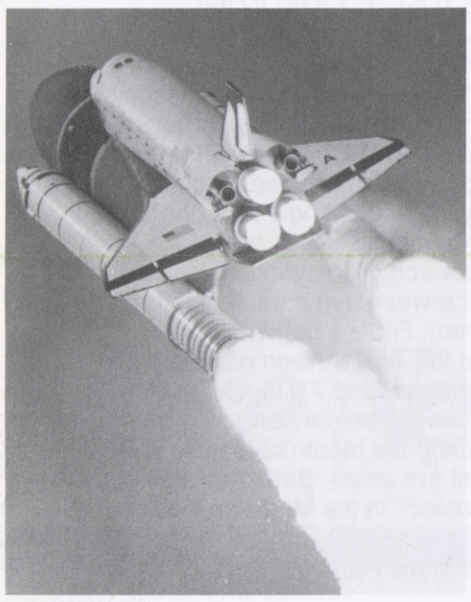
UCSF celebrates Women's History Month with the following events. Call 476-0400.

Fri., Mar. 6
Keynote Lecture in Honor of International Women's Day. Cole Hall, 513 Parnassus. Noon-1 p.m.

Tues., Mar. 10
The Narrative Art of Carmen Lomas Garza. The artist presents a slide show/lecture on paintings recreating her childhood in South Texas. Millberry Union Gym, 500 Parnassus. Noon. Same program on Wed., Mar. 11, Carr Auditorium, San Francisco General Hospital, 1001 Potrero Ave. Noon.

Thurs., Mar. 12
Thinking Globally about Female Human Rights. Anne Firth Murray, Global Fund for Women. Toland Hall, 533 Parnassus. Noon-1 p.m.

Tues., Mar. 17
Never Forget, Never Again: Holocaust Oral History. Lani Silver, Holocaust Oral History Project, explains how telling personal stories can change the way history is recorded. Herbst Hall, Mount Zion Medical Center of UCSF, 1600 Divisadero. Noon-1 p.m.



Wed., Mar. 18
Women in the Final Frontier. UCSF astronaut Millie Hughes-Fulford, a VAMC research chemist, recounts her experiences on the Columbia "Spacelab Life Sciences I" space shuttle mission. Rm. 300, Health Sciences West, enter through 513 Parnassus. Noon-1 p.m.

Thurs., Mar. 19
Breaking Down the Barriers: The 6th Annual UCSF Women's History Month Poetry Reading. Featuring 11 published women poets who are employed at UCSF. Langley Porter Auditorium, 401 Parnassus. Noon-1 p.m.

Fri., Mar. 20
Step to This! Women in Rap Second to None! Featuring female rap artist YoYo. Cole Hall, 513 Parnassus. Noon-1 p.m. Followed by sale & autograph session.

Tues., Mar. 24
Escola Nova de Samba & Omulu Senzala Group. Demonstrations of Brazilian samba & campoiera, an Afro-Brazilian art form that blends dance, martial arts & acrobatics. Millberry Union Gym, 500 Parnasus. Noon.

Wed., Mar. 25
Field of Greens. Come listen to Annie Somerville, Greens' executive chef. Rm. 300, Health Sciences West, enter through 513 Parnassus. Noon-1 p.m.

Thurs., Mar. 26
It's Never Too Late: Freeing the Creative Spirit. June Watanabe, dancer, teacher, choreographer, wife & mother. Rm. 125, Mission Center Building, 1855 Folsom. Noon-1 p.m.

Tues., Mar. 31
Sisters in the Tribe: The Undeniable Force of Power. George C. George, chair of the Sequamish Tribe, discusses her leadership role in her tribe & the challenges facing Native American leaders. Toland Hall, 533 Parnassus. Noon-1 p.m.

Special Events

Thurs., Mar. 12
UCSF Orchestra Concert. Mahler's *First Symphony* & excerpts from Rossini's *The Barber of Seville.* $4 seniors & students, $7 general. Millberry Union Gym, 500 Parnassus. 8 p.m.

Fri., Mar. 20
School of Nursing National Health Care Reform Lecture: The Canadian Model for Health Reform. Alice Baumgart, president, Canadian Nurses' Association. 10 a.m.-noon. Call 476-1805 for location.

Thurs., Apr. 2 & Fri., Apr. 3
Founder's Day Celebration. Includes Faculty Research Lecturer Julien Hoffman. Cole Hall, 513 Parnassus. 2 p.m. UCSF Medal Presentation Banquet. Westin St. Francis Hotel. 6:30 p.m. Call 476-9158. Apr. 3: **Black & White Gala.** Benefits joint UCSF/SF Citywide Case Management Unit for the homeless. Featuring "Tower of Power." Marriott Hotel. 9 p.m.-2 a.m. Call 476-2675.

Sun., Apr. 5
UCSF Community Chorus & San Francisco Choral Society. Beethoven's *Missa Solemnis.* $10-$28. Davies Symphony Hall. 3 p.m. Call 431-5400.

Wed., Apr. 15
San Andreas String Quartet. Lange Reading Rm., Library, 530 Parnassus. 5:30 p.m. Preceded by wine & cheese reception.

Fri., Apr. 24
School of Nursing National Health Care Reform Lecture. *Legislative Options for National Health Care.* Nancy Pelosi, US Representative from California's 5th District. 10 a.m.-noon. Call 476-1805 for location.

Fri., Apr. 24
Vocal Chords Spring Concert. Student a cappella choir performs. $3/$5. Millberry Union Conference Center, 500 Parnassus. 8 p.m. Call 476-6761.

Sat., Apr. 25
Mount Zion Auxiliary Annual Fundraiser: Casino Royale, a Monte Carlo Night. Will fund patient & family education. Stanford Court Hotel. 7 p.m. Call 885-7354.

Thurs., Apr. 30 & Fri., May 1
2nd Annual Student Art Show. Millberry Union Conference Center, 500 Parnassus. 10 a.m.-6 p.m.

Earth Week at UCSF

Mon., Apr. 20
Boogie Down Jugglers. Environmental storytellers for children. Cole Hall, 513 Parnassus. Noon.

Wed., Apr. 22
Secrets of the Bay. How to curb further loss & prevent damage to the Bay Area's threatened estuary. Rm. 300, Health Sciences West, enter through 513 Parnassus. Noon.

Thurs., Apr. 23
Chauncey D. Leake Day. Environmental fair in Saunders Court, enter through 513 Parnassus. Noon. Chauncey D. Leake Lecture: *Nitric Oxide, A Novel Messenger Molecule.* John Hopkins' Solomon H. Snyder. Cole Hall, 513 Parnassus. 3-4:30 p.m.

Fri., Apr. 24
Eco-comedian James Wesley Jackson. Toland Hall, 533 Parnassus. Noon.

Sat., Apr. 25
Neighborhood Clean-Up. In conjunction with San Francisco's One Neat City" Week, volunteers will clean up area at Ninth & Irving. (See story on front page.)

AIDS Programs

Sponsored by UCSF AIDS Health Project. For more information call 476-6430.

Wed., Mar. 18
Living with HIV Public Forum: Anxiety & Stress—Alternative Therapies. Rm. 125, Mission Center Building, 1855 Folsom St. 7-9 p.m.

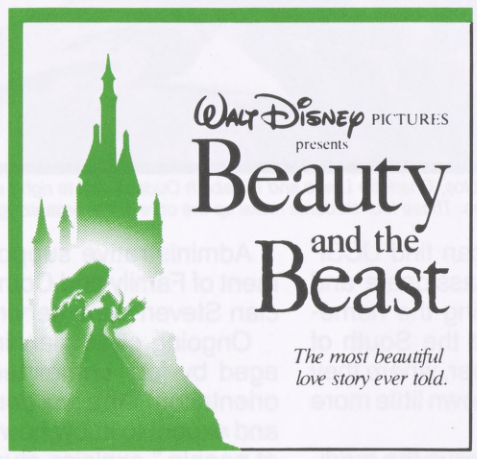
Cole Hall Cinema

Films are shown on Thursdays and Fridays in Cole Hall, 513 Parnassus. Children under 14 $2; UCSF students & Millberry Union members, $2.50; other students & seniors, $3; general $3.50. Movies subject to change. Call 476-2542.

Mar. 5 at 5:45 & 8 p.m.
Mar. 6 at 6:30 & 8:45 p.m.
The Doctor.

Apr. 2 at 5:45 & 8 p.m.
Apr. 3 at 6:30 & 8:45 p.m.
Addams Family.

Apr. 9 at 5:45 & 8:30 p.m.
Apr. 10 at 6:30 & 9:15 p.m.
Cape Fear.



Apr. 16 at 5:45 & 7:45 p.m.
Apr. 17 at 6:30 & 8:30 p.m.
Beauty & the Beast.

Apr. 23 at 5:45 & 8:30 p.m.
Apr. 24 at 6:30 & 9:15 p.m.
Prince of Tides.

Apr. 30 at 5:45 & 8:30 p.m.
May 1 at 6:30 & 9:15 p.m.
Bugsy.

Personal Safety

Tear Gas Certification Classes. Call Chris Yee at 476-5683 for information & schedule.

Survivors Support Group. Looking at how sexual assault can affect day-to-day life. Sponsored by Rape Prevention Education Program. Twelve consecutive sessions, 5:30-7 p.m. $5-$25. Call 476-5222 for date, location and to register.

The following presentations are available by appointment to groups in the community or at your workplace:

Crime Prevention. Presented by UCSF Police Department. Call 476-5683.

Personal Safety. Presented by UCSF Rape Prevention Education Program. Call 476-5222.

Campus Tours

All tours are free and take place at 1 p.m. on Tuesdays, Mar. 3, 10, 17, 24, 31 and Apr. 7, 14, 21, 28. Meet in the lobby of Medical Sciences, 513 Parnassus. For further information call 476-4394.

CPR Training

"Save A Heart" Program. CPR classes sponsored by UCSF CPR Center. Rm. 229, Nursing Bldg., enter through 521 Parnassus. Classes are from 9 a.m.-1 p.m. or 6-10 p.m. on Mar. 4, 12, 25 & 31. $20. For April schedule, information & registration call 476-1817.

CPR Road Show. Traveling CPR instruction by volunteer instructors sponsored by the UCSF Center for Prehospital Research & Training. Call 476-8502.

Breast Cancer Screening

Women can have low-cost mammograms—X-rays to screen for breast cancer—from a mobile van that travels to convenient Bay Area locations. The procedure takes approximately 20 minutes and costs $60. Your physician's approval is required, plus his/her full name, address & telephone number to assure results are mailed promptly. Appointments must be made at least a month in advance. Find out when the van will be in your neighborhood by calling 476-2193 between 9 a.m. and 3 p.m., Monday through Friday. A $50 mammography screening also is available at the Mount Zion Hospital of UCSF Radiology Department. Call 885-7710.

Volunteer Orientation

Program to acquaint new & prospective volunteers with opportunities available in the Medical Center at UCSF. Held in Langley Porter Psychiatric Institute Auditorium, 401 Parnassus. For further information call 476-1196.

Mon., Mar. 9 & Tues., Apr. 7, 9-11 a.m.
Tues., Mar. 24 & Apr. 21, 5:30-7:30 p.m.

Brown Bag Lectures

A series of free lectures held weekly on Wednesdays at the Parnassus campus (P), Rm. 300, Health Sciences West, enter through 513 Parnassus; monthly on Thursdays in Rm. 125, UCSF-Mission Center Building (MCB), 1855 Folsom St.; and monthly on Tuesdays in Herbst Hall, Mount Zion Medical Center of UCSF (MZ), 1600 Divisadero. All lectures held at noon. For further information call 476-4394.

Mar. 3
Vision Care in the '90s. (MZ)

Mar. 4
Back Problems Shouldn't Be a Pain. (P)

Mar. 11
Breast Cancer in the '90s. (P)

Mar. 18
See Women's History Month. (P)

Mar. 19
Asthma & Allergies in Northern California-Springtime. (MCB)

Mar. 25
See Women's History Month. (P)

Apr. 1
Who You Are is Funny Enough. Everyone has laugh potential. (P)

Apr. 8
Staying Away from the Bill Collector. (P)

Apr. 15
National Health Insurance—Pros & Cons. (P)

Apr. 21
Memory. True cause of poor memory. (MZ)

Apr. 22
See Earth Week Events. (P)

Apr. 23
Earthquake Preparedness in the Workplace & Home. (MCB)

Apr. 29
Medicine in the Media. (P)

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Long Range Planning Workshops

UCSF has announced a new plan to involve a broad representation of city groups in the campus' long range planning process. See back page for the March community workshops closest to you.

Great Expectations Programs for Parents

The UCSF Birth Center offers the following lectures on Wednesdays for new & prospective parents. $5 per individual or couple. Rm. 326, Ambulatory Care Center, 400 Parnassus. 7-9 p.m. Call 476-MOMS for registration & information.

Mar. 4
Choosing Child Care for Infants.

Mar. 25
Choosing Child Care for Toddlers & Preschoolers.

Apr. 8
Pre-Pregnancy Planning.

Apr. 15
Labor Support & Medication during Childbirth: Video presentation of "Labors of Love." A 326. 7-8:30 p.m. Call 476-MOMS.

Community Health Talks

A series of free lecture/discussions sponsored by Public Service Outreach Programs. Held at UCSF-Laurel Heights (LH), 3333 California St., or the Parnassus campus (P) in Toland Hall, 533 Parnassus. 7-8:30 p.m. Free parking available. Call 476-8429 for complete schedule.

Thurs., Mar. 12
Women & Depression. (P)

Thurs., Mar. 26
Back Problems Got You Down? (LH)

Thurs., Apr. 9 & 23
To be announced. (P) & (LH)

Blood Donation

Tues., April 21
Campus Blood Drive. Blood may be given in the Millberry Union Conference Center, 500 Parnassus, 8 a.m.-2 p.m., and School of Nursing Bldg. mezzanine level, enter through 521 Parnassus, 11:30 a.m.-6 p.m.

You don't have to wait for a blood drive to give blood. You may donate any weekday, 10 a.m.-8 p.m., or Saturday, 10 a.m.-3 p.m., at UCSF's **Blood Donor Center,** Rm. 131 Long Hospital, 505 Parnassus. For information & appointments call 476-6989.

Recreation & Fitness

Have fun & get fit in 1992 at Millberry Union Fitness Center. A wide variety of classes & workshops including step aerobics, aerobics for men, nutrition & weight management programs, pre- & post-natal exercise & more. **Spring registration for the public begins Tues., Mar. 31.** Millberry Union, 500 Parnassus. For more information and a free brochure call 476-1115.

UCSF

University of California, San Francisco
News and Public Information Services
513 Parnassus Avenue
San Francisco, CA 94143-0462

His own heart was damaged beyond repair. His only hope now was a heart transplant.

Shortness of breath was the first sign.

Always athletic, the then 34-year-old David Brown was used to the aftereffects of physical exertion. But this was different. So different, in fact, that one spring afternoon in 1988 he came to the Ambulatory Care Clinic on Parnassus seeking an explanation.

Even after the preliminary examination, when he was told to check into UCSF's Moffitt/Long Hospitals immediately, he didn't grasp the significance of the word "serious." He was young, fit and a successful broker at the San Francisco office of Morgan Stanley. How bad could it be?

As it turned out, very bad indeed. After a week of tests, he was told that his condition had a name —cardiomyopathy. In short, he had an enlarged left ventricle, which meant his heart could not pump enough blood to satisfy his body's needs. The condition can sometimes be controlled with drugs and for two years after he left the hospital, drugs, coupled with regular checkups, did work. David resumed his normal life, including water skiing, long walks and travel; only basketball was dropped from his activity list.

Soon after he and his wife bought a house in the summer of 1990, however, David noticed that he was getting very winded going up stairs that only days before he had climbed two at a time. More tests soon confirmed what his breathlessness and exhaustion had signaled. His own heart was damaged beyond repair. His only hope now was a heart transplant.

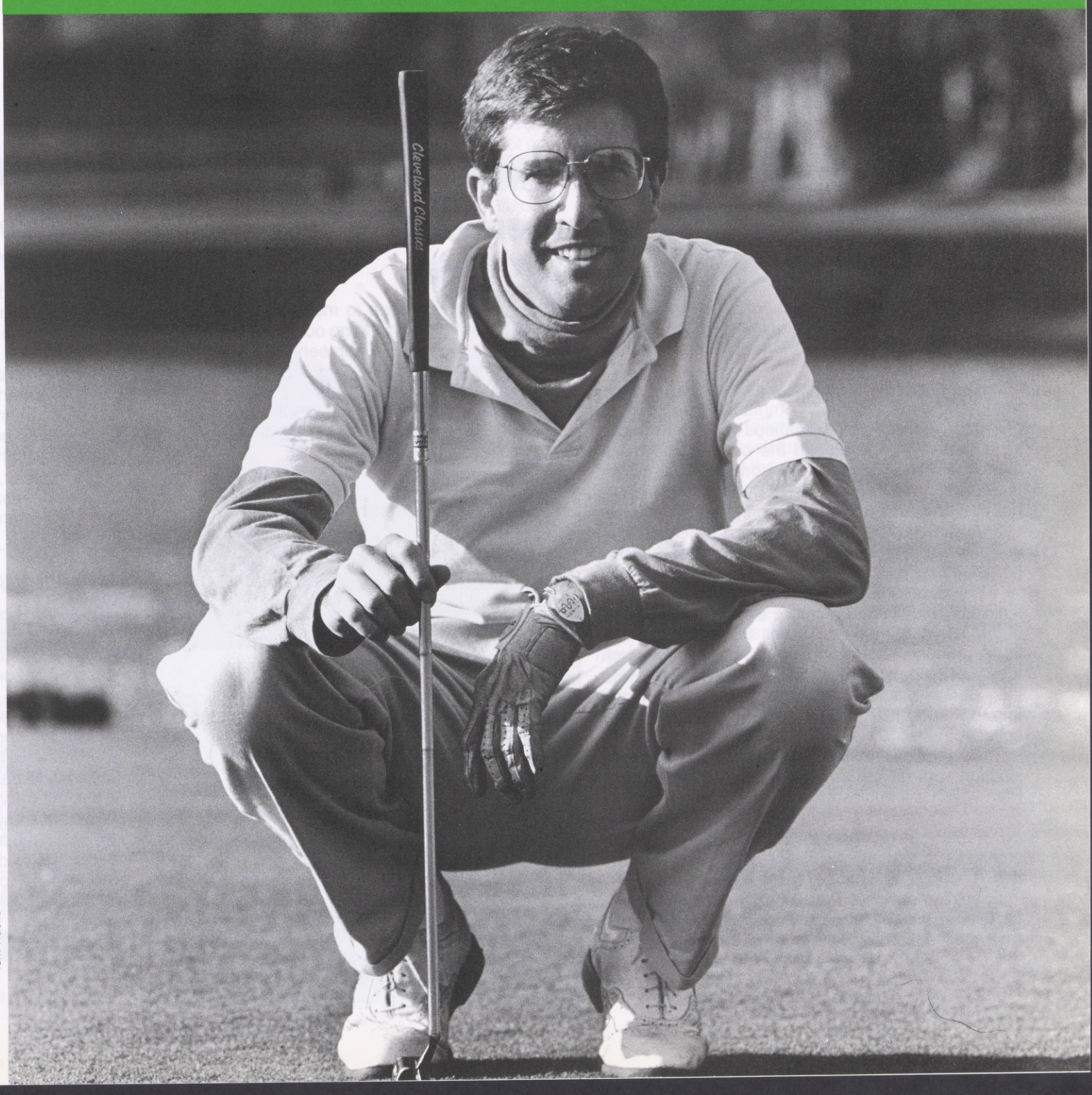
From the very beginning, a heart transplant had always been a possibility. But David had kept faith that his condition would be cured without surgery. When that proved impossible, he was happy to be in the skilled hands of UCSF heart transplant surgeon and program director Fraser Keith and co-director Teresa de Marco. Still, though, when he checked into the Coronary Care Unit to begin what would be a 28-day wait for a donated organ, he was anxious and frustrated. "It was all out of my control," David says. "It was not a matter of trying harder or thinking smarter; I couldn't do anything to help make it happen." Good books and some support group sessions offered some solace, as did the strong and consistent support of his employer. Yet what helped most were the continuing visits of post-transplant patients who were back at work and doing well.

When David's time finally came, all went well too. Fittingly, he was released the day before Thanksgiving. There have been some mild rejection episodes in the 15 months since and one scary instance when he had a toxic reaction to his now scaled-back immunosuppressive therapy. But apart from his daily regimen of 25 or so pills, his life, again full of work, skiing, skating, cycling and long walks in his Twin Peaks neighborhood, is back to normal. He even won California's Transplant Golf Championship last year.

What has changed forever, though, is his awareness, both of his own physical frailties and those of others. "I know it's a cliche, but it's true. I learned that life can be very short and that I should savor it. And I am."

—Jeff Miller

(For more information on UCSF's transplant programs, call Amy Peele, 476-4644.)



Tom Wachs

To Our Neighbors

March/April 1992

Medical Students Set Up Clinic for the Homeless

Plan for Community Involvement in Long Range Planning

One Step Closer to a UCSF Regional Cancer Center

University of California, San Francisco
513 Parnassus Avenue, San Francisco, CA 94143-0462

UCSF

More News for You

New Plan for Community Involvement in UCSF's Long Range Planning Process

A new plan to involve a broad representation of city groups in UCSF's long range planning process has been announced by Vice Chancellor Bruce W. Spaulding.

Based partly on interviews with a variety of community leaders, the new community participation plan calls for a series of workshops open to the public in various locations around the city. In addition, a Community Advisory Group composed of some three dozen representatives of the major neighborhood, ethnic, business, labor and geographic interests in the city has been appointed by Chancellor Julius R. Krevans in an effort to ensure broad-based participation.

"This represents a major change in the way we solicited community comment to our planning process," says Spaulding. "It will incorporate much larger groups and get people involved earlier—when they can have a meaningful opportunity to provide their ideas—before we write our Draft Environmental Impact Report (EIR), and before the campus makes critical decisions."

The campus is required to prepare an EIR in conjunction with its formal Long Range Development Plan which will outline campus program and space needs for the next 15 years. Space needs are based on the Academic Mission Statement, which expresses the education, patient care, research and public service goals of the campus.

Spaulding stressed that, although the community groups will play a critical advisory role, all decisions rest with the UC Board of Regents. With that in mind, the campus will continue to meet one-on-one with neighbors, and will be sending out a series of newsletters to the community. Representatives also will be available to meet with other organized groups interested in UCSF's plans.

For more information on the LRDP planning processes or to get a copy of the LRDP newsletter, "Directions," call 476-3206.

Community Workshops for March

Bayview Hunters Point/Executive Park
Thursday, March 5, 7:30 p.m.
Southeast Community College
1800 Oakdale Avenue (at Phelps)
(off-street parking available)

Mission
Saturday, March 7, 1 p.m.
Mission Language & Vocational School
2929-19th St. (between Alabama & Florida)
(disabled entrance at 710 Florida)

Western Addition/Laurel Heights
Tuesday, March 24, 7:30 p.m.
Center for African & African American Arts & Culture
762 Fulton Street (at Webster)
(off-street parking available in Center's lot on Fulton)

Parnassus
Thursday, March 26, 7:30 p.m.
St. John of God Newman Center
1290-5th Avenue (at Irving)

Recombinant DNA Hormone to Help Preemies

Every year in this country there are nearly 25,000 premature infants who suffer from anemia. This translates into some 300,000 blood transfusions annually.

In a new pilot study led by UCSF pediatrician Kevin M. Shannon, it has been shown that anemia in premature infants can be effectively prevented with a blood hormone produced through recombinant DNA technology. The hormone is called erythropoietin, and the use of a recombinant version could mean a significant reduction in the number of transfusions prescribed annually.

New Neuroscience Center

UCSF has received a $4 million, five-year grant from the National Institute of Mental Health to establish a Center for Neuroscience Research on Analysis of Long-Term Changes in the Mammalian Brain.

The discovery that nerve cell circuitry within both developing and adult brains is more flexible than researchers earlier thought has stimulated efforts to understand basic processes that control plasticity within the nervous system. Medical researchers hope this knowledge may one day be used to combat brain damage resulting from stroke, trauma and degenerative disease.

The UCSF center will be headed by Lily Jan, professor of physiology and biochemistry.

UCSF
University of California, San Francisco

Paul Fusco

Mike C

Fossi